

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S72 | 6595 | ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelearated or accelerating or acceleration) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 22:41 |
| S73 | 1100 | S72 and ((display or displayed or displaying or present or presented or presenting or presentation) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelearated or accelerating or acceleration)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 22:41 |
| S74 | 714 | S73 and ((move or moved or moving or movement or motion or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path or deviance or deviate or deviated or deviating or stray or strayed or straying or detour or detoured or detouring or veer or veered or veering or swerve or swerved or swerving) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 22:41 |

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| S75 | 170 | S74 and ((start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or completion or complete or completed or completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 22:41 |
| S76 | 170 | S75 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 22:41 |
| S77 | 18754 | 463/1-9.ccls. or 463/20.ccls. or 463/23.ccls. or 463/25.ccls. or 463/30-32.ccls. or 463/34.ccls. or 463/36-37.ccls. or 463/40-43.ccls. or 463/46-47.ccls. or 463/50.ccls. or 463/53.ccls. or 463/56.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |

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| S78 | 4166 | 273/108.1.ccls. or 273/108.3.ccls. or 273/108.4.ccls. or 273/118R.ccls. or 273/150.ccls. or 273/244. ccls. or 273/244.1.ccls. or 273/247.ccls. or 273/259.ccls. or 273/317.1.ccls. or 273/317.3.ccls. or 273/317.4.ccls. or 273/317.5.ccls. or 273/317.6.ccls. or 273/359.ccls. or 273/406. ccls. or 273/440.1.ccls. or 273/460-461.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S79 | 1348 | 340/323R.ccls. or 340/323B.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S80 | 487 | 377/4-5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S81 | 46 | 446/415.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S82 | 1533 | 473/451.ccls. or 473/468. ccls. or 473/498-499. ccls. or 473/504.ccls. or 473/564-565.ccls. or 473/598.ccls. or 473/600. ccls. or 473/FOR "102". ccls. or 473/FOR "135". ccls. or 473/FOR "169". ccls. or 473/FOR "192". ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S83 | 4539 | A63F013/12.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |

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| S84 | 49 | ("20020016194" "20020016195" "20020107058" "20020177477" "20030003977" "20030017863" "20030040349" "20030078086" "20050153764" "20060276241" "20060287023" "3749514" "5435554" "5816953" "6120374" "6217444" "6257983" "6394894" "6394896" "6461237" "6482090" "6494783" "6626756" "7033269" "7063616" "7270601").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S85 | 49 | (US-20060287023-\$ or US-20070155452-\$ or US-20070155453-\$ or US-20070155457-\$ or US-20070197284-\$ or US-20060177291-\$ or US-20090160870-\$).did. or (US-7695356-\$ or US-7704134-\$ or US-5299891-\$ or US-5550328-\$ or US-5636499-\$ or US-6047233-\$ or US-6226693-\$ or US-6411328-\$ or US-4874164-\$ or US-6018348-\$ or US-4257610-\$ or US-4905168-\$ or US-4913443-\$ or US-5497997-\$ or US-5679002-\$ or US-6116600-\$ or US-6134556-\$ or US-6142877-\$ or US-6200138-\$ or US-6244956-\$ or US-4162069-\$ or US-4113255-\$ or US-4244579-\$ or US-4244578-\$ or US-4244573-\$ or US-4244572-\$).did. or (US-4250657-\$ or US-4253669-\$ or US-4258918-\$ or US-4261570-\$ or US- | US-PGPUB; USPAT | OR | ON | 2011/10/08 23:05 |

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| | | 4266776-\$ or US- 4266767-\$ or US- 4268036-\$ or US- 4278256-\$ or US- 4280703-\$ or US- 4281569-\$ or US- 4290605-\$ or US- 4295651-\$ or US- 4296931-\$ or US- 4298198-\$ or US- 4299387-\$ or US- 4303240-\$).did. | | | | |
| S86 | 30154 | S77 or S78 or S79 or S80 or S81 or S82 or S83 or S84 or S85 | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S87 | 463 | S86 and ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelerated or accelerating or acceleration) with (object or element or item or ball)) | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S88 | 27 | S87 and ((move or moved or moving or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path) with (object or element or item or ball) with (start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or | US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |

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| | | completion or complete or completed or completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | | | | |
| S89 | 27 | S88 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S90 | 27 | S89 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:05 |
| S91 | 391 | S87 and ((move or moved or moving or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:10 |
| S92 | 127 | S91 and ((start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or completion or complete or completed or | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:10 |

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| | | (completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | | | | |
| S93 | 127 | S92 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:10 |
| S94 | 127 | S93 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:10 |
| S95 | 5 | S92 and ((deviate or deviated or deviating or stray or strayed or straying or detour or detoured or detouring or veer or veered or veering or swerve or swerved or swerving) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:12 |
| S96 | 5 | S95 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:12 |
| S97 | 5 | S96 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/08 23:12 |

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| S107 | 6595 | ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelerated or accelerating or acceleration) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:46 |
| S108 | 3345 | S107 and ((move or moved or moving or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:47 |
| S109 | 710 | S108 and ((start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or completion or complete or completed or completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:48 |

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| S111 | 14574 | ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelerated or accelerating or acceleration or pitch or pitched or pitching) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:50 |
| S112 | 7893 | S111 and ((move or moved or moving or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:51 |
| S113 | 1455 | S112 and ((start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or completion or complete or completed or completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:51 |

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| S114 | 234 | S113 and ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelearated or accelerating or acceleration or pitch or pitched or pitching) with (form or posture or shape or pattern)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:54 |
| S115 | 17 | S114 and ((deviate or deviated or deviating or stray or strayed or straying or detour or detoured or detouring or veer or veered or veering or swerve or swerved or swerving) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 17:54 |
| S116 | 18754 | 463/1-9.ccls. or 463/20.ccls. or 463/23.ccls. or 463/25.ccls. or 463/30-32.ccls. or 463/34.ccls. or 463/36-37.ccls. or 463/40-43.ccls. or 463/46-47.ccls. or 463/50.ccls. or 463/53.ccls. or 463/56.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S117 | 4166 | 273/108.1.ccls. or 273/108.3.ccls. or 273/108.4.ccls. or 273/118R.ccls. or 273/150.ccls. or 273/244.ccls. or 273/244.1.ccls. or 273/247.ccls. or 273/259.ccls. or 273/317.1.ccls. or 273/317.3.ccls. or 273/317.4.ccls. or 273/317.5.ccls. or 273/317.6.ccls. or 273/359.ccls. or 273/406.ccls. or 273/440.1.ccls. or 273/460-461.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S118 | 1348 | 340/323R.ccls. or 340/323B.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |

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| S119 | 487 | 377/4-5.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S120 | 46 | 446/415.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S121 | 1533 | 473/451.ccls. or 473/468.ccls. or 473/498-499.ccls. or 473/504.ccls. or 473/564-565.ccls. or 473/598.ccls. or 473/600.ccls. or 473/FOR "102".ccls. or 473/FOR "135".ccls. or 473/FOR "169".ccls. or 473/FOR "192".ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S122 | 4539 | A63F013/12.ipc. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S123 | 49 | ("20020016194" "20020016195" "20020107058" "20020177477" "20030003977" "20030017863" "20030040349" "20030078086" "20050153764" "20060276241" "20060287023" "3749514" "5435554" "5816953" "6120374" "6217444" "6257983" "6394894" "6394896" "6461237" "6482090" "6494783" "6626756" "7033269" "7063616" "7270601").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |

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| S124 | 49 | (US-20060287023-\$ or US-20070155452-\$ or US-20070155453-\$ or US-20070155457-\$ or US-20070197284-\$ or US-20060177291-\$ or US-20090160870-\$).did. or (US-7695356-\$ or US-7704134-\$ or US-5299891-\$ or US-5550328-\$ or US-5636499-\$ or US-6047233-\$ or US-6226693-\$ or US-6411328-\$ or US-4874164-\$ or US-6018348-\$ or US-4257610-\$ or US-4905168-\$ or US-4913443-\$ or US-5497997-\$ or US-5679002-\$ or US-6116600-\$ or US-6134556-\$ or US-6142877-\$ or US-6200138-\$ or US-6244956-\$ or US-4162069-\$ or US-4113255-\$ or US-4244579-\$ or US-4244578-\$ or US-4244573-\$ or US-4244572-\$).did. or (US-4250657-\$ or US-4253669-\$ or US-4258918-\$ or US-4261570-\$ or US-4266776-\$ or US-4266767-\$ or US-4268036-\$ or US-4278256-\$ or US-4280703-\$ or US-4281569-\$ or US-4290605-\$ or US-4295651-\$ or US-4296931-\$ or US-4298198-\$ or US-4299387-\$ or US-4303240-\$).did. | US-PGPUB; USPAT | OR | ON | 2011/10/09 20:23 |
| S125 | 30154 | S116 or S117 or S118 or S119 or S120 or S121 or S122 or S123 or S124 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |

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| S126 | 550 | S125 and ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelerated or accelerating or acceleration or pitch or pitched or pitching) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:23 |
| S127 | 465 | S126 and ((move or moved or moving or shift or shifted or shifting or travel or traveled or travelled or traveling or travelling or traverse or traversed or traversing or traversal or trajectory or path) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:24 |
| S128 | 143 | S127 and ((start or started or starting or initial or initiate or initiated or initiating or initiation or begin or began or begun or beginning or embark or embarked or embarking or embarkation or exit or exited or exiting or leave or left or leaving or takeoff or origin) with (point or position or location) with (destination or end or ended or ending or completion or complete or completed or completing or finish or finished or finishing or stop or stopped or stopping or conclusion or conclude or concluded or concluding or final or termination or terminate or terminated or terminating or terminal or cessation or cease or ceased or ceasing or goal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:25 |

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| S129 | 19 | S128 and ((character or avatar or image) with (dispatch or dispatched or dispatching or throw or thrown or throwing or threw or accelerate or accelearated or accelerating or acceleration or pitch or pitched or pitching) with (form or posture or shape or pattern)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:25 |
| S130 | 1 | S129 and ((deviate or deviated or deviating or stray or strayed or straying or detour or detoured or detouring or veer or veered or veering or swerve or swerved or swerving) with (object or element or item or ball)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2011/10/09 20:25 |
| S131 | 5 | (("5435554") or ("20010011035") or ("6394896")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2011/10/09 21:43 |

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